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23.11.00.0024

August 22, 1994

Mr. Dudley Patrick  
SOUTHNAVFACENGCOM  
2155 Eagle Drive  
P.O. Box 190010  
North Charleston, SC 29419-9010

Subject: Additional Soil Samples for TCLP analysis.

Dear Dudley:

We have enclosed for your review a map of Building 101 Plating Shop showing suggested sample locations and corresponding depths of samples to be taken for full TCLP analysis. These locations and corresponding depths are suggestions only, and Ebasco should determine if these locations and depths are acceptable. A comparison of elevated concentrations of metals (especially cadmium, chromium, lead, nickel, and silver) were used to determine these locations and depths.

It is our recommendation that a full TCLP analysis be performed to further satisfy requirements of the disposal facility. A full TCLP includes the following:

Parameter	Method	QA
TCLP Extraction - Volatile Organics	1311	E
TCLP Extraction Elements and Extractables	1311	E
TCLP Analyses Volatile Organics	8240	E
TCLP Analyses Elements	6000/7000	E
TCLP Analyses Semivolatiles	8270	E
TCLP Analyses Pesticides	8080(M)	E
TCLP Analyses Herbicides	8150	E

07577-001

ABB Environmental Services, Inc.



The approximate cost of a full TCLP analysis is as follows:

Turn Around Time	Cost per Sample	Number of Samples	Total Cost
30	\$1,300	4	\$5,200
14	\$1,700	4	\$6,800
7	\$2,100	4	\$8,400

These costs are rounded to the nearest \$100 and are representative of ABB-ES's contract price with CH<sub>2</sub>M Hill. These costs may vary between laboratories.

Sincerely,  
ABB ENVIRONMENTAL SERVICES, INC.

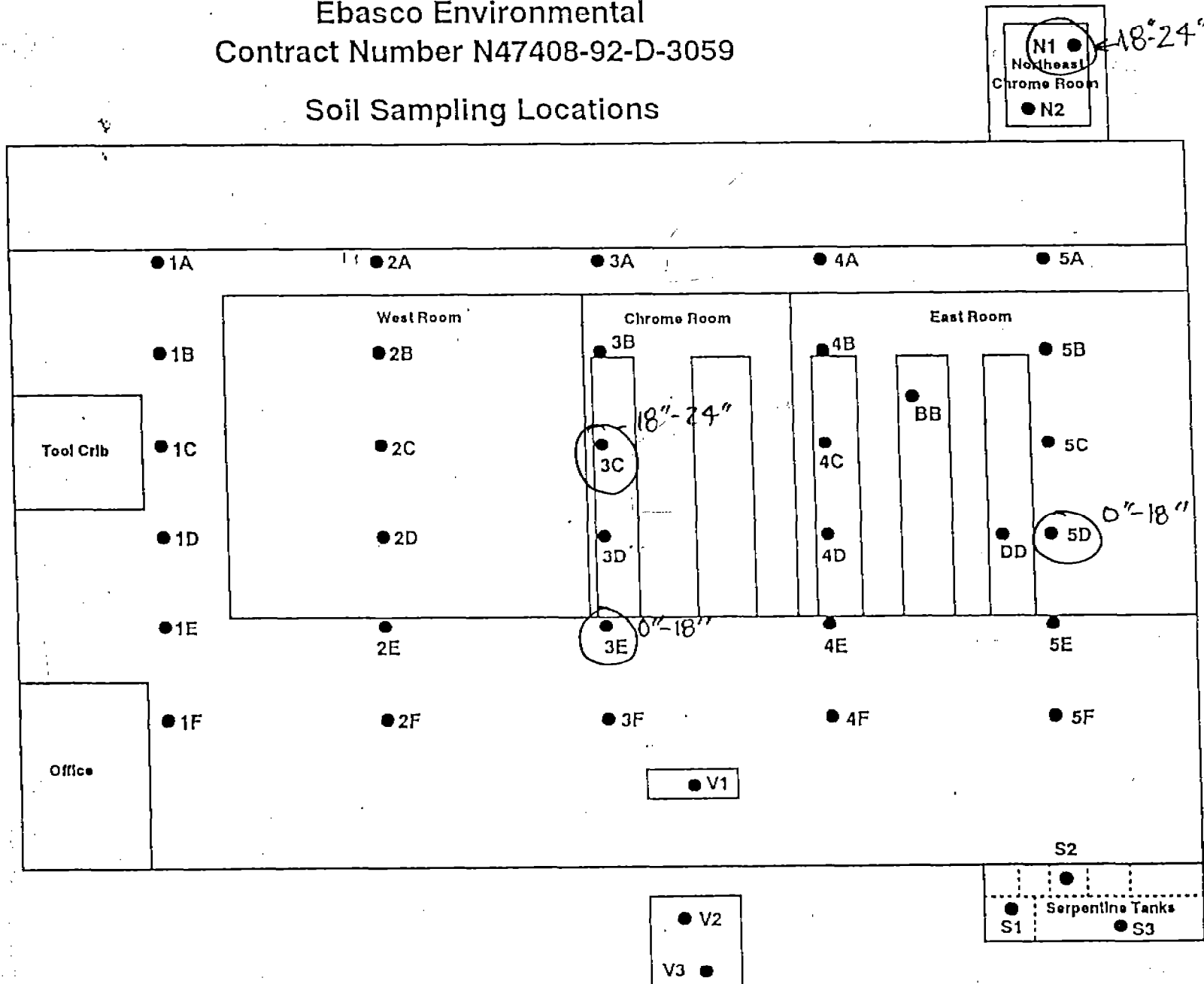
Melissa Lambert  
Project Engineer

cc:

D. Gaskins, SDIV  
B. Raspet, FED  
D. Lancaster, FED  
M. Wadell, ROICC  
L. Blackburn, ROICC  
A. Holcomb, Ebasco  
J.C. O'Connell, Ebasco  
D. Rowe, PWC  
P. Redfern, ABB-ES  
J. Tremaine, ABB-ES  
file

NAS-JAX Plating Shop  
 Ebasco Environmental  
 Contract Number N47408-92-D-3059

Soil Sampling Locations



January 11, 1994